Wu, Jennifer

From:	GROOM Jeremy * ODF <Jeremy.GROOM@oregon.gov>
Sent:	Monday, March 16, 2015 4:16 PM
To:	DAUGHERTY Peter * ODF; TUCKER Lena L * ODF; ABRAHAM Kyle * ODF; ALLEN Marganne * ODF; BRANDT Jeff * ODF; FRUEH Terry * ODF; HAWKSWORTH John T * ODF; Jeff Light; Johnson, Sherri; KRAHMER Rod W; 'liz.cole@oregonstate.edu'; MELEASON Mark * ODF; Newton, Michael; OLSON Daniel D * ODF; Reiter, Maryanne; SEEDS Joshua; seth@ofic.com; THOMPSON Michael * ODF
Cc:	Leinenbach, Peter; Wu, Jennifer; Jones, Jay; Giovanini, Jack; Arismendi, Ivan
Subject:	RipStream meeting materials & updated agenda
Attachments:	Preharvest Issue Description Nov14.docx; Explanation_OneShadeAbandonment2.docx

Hi everyone,

Below is an updated agenda for our meeting on Wednesday. The agenda has evolved some. The main team will meet for the first hour (1:00 – 2:00) for an executive session. We will then be joined by Jay and Jack as before, and by Peter Leinenbach & Jenny Wu from EPA from 2:00 – 4:00. Ivan Arismendi will also join us to talk about his work on the downstream analysis.

For the regular session item #3, I'm presenting on the path the predictive analysis has taken since we last met. I have attached two documents that stemmed from discussions with Jay Jones, Jack Giovanini, and Lisa Madsen, and subsequent analyses. In summary, the modeling efforts from September were refined until an issue was discovered with the general modeling approach in November (see Preharvest Issue Description Nov14.docx). To deal with this issue, we developed a modeling approach for predicting the change in temperature due to harvest. This gave rise to a model we call the Pre-Shade Model. The Pre-Shade Model surmounts the identified problem. However, a different suite of changes to the model that came about in December also solved the same issues in a more elegant way (One Shade model). We explored the properties of the One Shade model and found that although it arrived at parameter estimates well, it had some flaws when used to predict responses (Explanation OneShadeAbandonment2.docx). The decision was made to backtrack to the Pre-Shade Model. I will cover this material more thoroughly at the meeting, but wanted to offer some background to it first.

See you Wednesday,
Jeremy

Agenda:
Executive session (core team members):
   1) Review the Team's role in reviewing the RipStream project (20 minutes; Marganne = lead)
   2) 2014 in perspective: what worked for the team, and how can the team's function improve? (40 minutes; Jeremy =lead; if less time than anticipated, will include #7 and possibly #6)

Regular session (all):
   3) Predictive analysis results overview (1 hr Jeremy = lead)
   4) Update on projects
            a. Downstream analysis – physics (10 minutes; Maryanne & Jeremy)
            b. Downstream analysis – statistical (10 minutes; Ivan Arismendi)
            c. Numeric criteria & post-5 (5 minutes; Jeremy)
   5) Large wood analysis – Dr. Mark Meleason (25 minutes)
   6) Desired future conditions analysis – initial formulation (10 minutes; Daniel)
   7) Monitoring Strategy development update (as time permits; Terry)

Jeremy Groom | Monitoring Coordinator |Oregon Department of Forestry, Salem
Jeremy.groom@oregon.gov | 503-945-7394